

## LITTLE COLORADO RIVER BASIN

09401220 CEDAR WASH NEAR CAMERON, AZ

LOCATION.--Lat 35°51'31", long 111°26'32", in NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec.33, T.29 N., R.9 E., Coconino County, Hydrologic Unit 15020016 downstream from State Highway 64 at the Tappan Spring, and 1 mi west of the intersection of State Highway 64 and U.S. Highway 89.

DRAINAGE AREA.--579 mi<sup>2</sup>.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1967	00-00-67	4,400		1972	07-18-72	440	
1968	07-00-68	880		1973	10-19-72	1,950	
1969	09-11-69	10,400		1974	09-05-74	50	
1970	09-05-70	50	ES	1975	09-00-75	1,490	
1971	09-29-71	7,900		1976	00-00-76	1,400	

Magnitude and probability of instantaneous peak flow based on period of record 1967-76

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2 50%	5 20%	10 10%	25 4%	50† 2%	100† 1%
1,510	4,550	8,040	14,600	21,400	30,200
Weighted skew	(logs) =	-0.08			
Mean	(logs) =	3.17			
Standard dev.	(logs) =	0.58			

† Reliability of values in column is uncertain, and potential errors are large.

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
123	32.4	6,430	37.0	3.0	13.7	1.7	3.1

